

DHRUV KUMAR BANSAL

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EDUCATION

B.Tech in Computer Science and Engineering
VIT Bhopal University, Bhopal, Madhya Pradesh

Sep 2022 – May 2026
CGPA: 8.42

SKILLS & CERTIFICATIONS

Languages Java, Python, SQL, JavaScript
Databases MySQL, MongoDB, AWS
Tools-and-Tech Prompt Engineering, Visual Studio, IntelliJ, Git (Version Control)
Certifications [Cloud Computing \(NPTEL\)](#), [Crash Course on Python by Google \(Coursera\)](#)

EXPERIENCE

Software Trainee Intern
SaralTech (Remote)

Feb 2025 – Aug 2025

- Contributed to the development of the **Saral Transport** project, focusing on website flow design, system architecture.
- Designed and implemented key features in the platform's full-stack workflow using modern web technologies, improving functionality.
- Collaborated with the technical and business teams to propose the **core operational model** for Saral Transport, aligning product development with business feasibility.
- Applied innovative solutions to real-world challenges and supporting the startup's go-to-market strategy.
- Participated in workshops and real-world development cycles, gaining hands-on experience in scalable software systems.

Completion Letter: [View Certificate](#)

PROJECTS

VBS Full Stack Website 
Personal Project (Deployed)

May 2025 – Oct 2025

- Engineered and deployed a full-stack MERN application for the **Vacation Bus Services (VBS)** startup, streamlining transport bookings for 700+ students.
- Integrated a secure payment gateway, enabling online transactions and achieving over **2L revenue within 10 days** of launch.
- Onboarded 1,000+ registered users and recorded 14K+ website visits within 20 days, demonstrating high user adoption and scalability.
- Developed a responsive frontend using React and React Bootstrap with search, booking, and ticket management modules.
- Built a secure backend using Node.js and Express.js, with token-based authentication (JWT) and role-based access control powered by MongoDB and Mongoose.
- Designed an advanced admin dashboard for managing users, buses, routes, bookings, and auto-generating PDF manifests for trips.

Digital Academics Monitoring System (DAMS) 
Group Project

Sept 2024 – Apr 2025

- Developed a full-stack web application for government schools enabling teachers to take **face-recognition-based attendance** and track daily class activities.
- Integrated **role-based access control** where principals can manage and assign access to teachers, and the system administrators provide access to principals.
- Implemented a lesson-tracking module allowing teachers to review **previous class topics** and ensure syllabus continuity.
- Collaborated with a 5-member team using **React, Node.js, Express.js, MongoDB and Python**, ensuring a scalable and secure architecture.

LEADERSHIP & ENTREPRENEURSHIP

Vice President, Fintech Club, VIT Bhopal
Market Analyst Team Co-Lead, Fintech Club, VIT Bhopal

Oct 2024 – Oct 2025
Jan 2023 – Oct 2024

- Spearheaded 4 large-scale events (StockQuest, Auction Arena, FinGenAI, FinFit), engaging **700+ participants** and boosting financial literacy by **20%**.
- Managed a **102 member team**, optimized logistics, and drove **30% club growth** through **4 successful campaigns**.

Founder, Vacation Bus Services (VBS)

Oct 2023 – Ongoing

- Founded a successful startup providing transport services to **10,000+ VIT Bhopal students**, achieving **95% customer satisfaction**.
- Directed end-to-end operations, sold **10,000+ tickets**, optimized booking systems, and increased customer reach by **60%**.

AWARDS & ACHIEVEMENTS

- Selected for the **National-Level Research Paper Competition, VIVIBHA BSM** (out of 167,000 participants).
- Represented VIT Bhopal at **NFLQ 2025 Quiz**, qualified for the **Finals** after securing **5th position** among 60 colleges in the Central Regional Round.
- Google Arcade Facilitator:** Guided and supported over **400+ students** registered under me for the Google Arcade Program (5 Aug – 5 Oct 2025).